

Comparisons of Job Characteristics

Focus Occupation: [Management Analysts \(13-1111\)](#)

Associated Occupation: [Operations Research Analysts \(15-2031\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 23

Focus Occupation: Management Analysts (13-1111)

Associated Occupation: Operations Research Analysts (15-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	9.2	24.4	6.5	<<	Extensive education and/or training may be required
Computers and Electronics	8.4	15.0	13.4	<	Expanded education and/or training may be required
Engineering and Technology	5.7	14.2	6.2	<<	Extensive education and/or training may be required
Administration and Management	8.4	11.9	16.2	>>	Current knowledge level is likely more than sufficient
Production and Processing	6.0	11.3	5.2	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	8.0	9.0	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Management Analysts (13-1111)

Associated Occupation: Operations Research Analysts (15-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	6.2	16.9	7.3	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	15.4	12.3	<	A higher skill level may be required
Critical Thinking	10.8	15.2	13.3	<	A higher skill level may be required
Systems Evaluation	6.4	15.1	11.4	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	14.5	11.4	<<	Extensive development of skills in this area may be required

Judgment and Decision Making	9.4	14.2	12.5	<	A higher skill level may be required
Active Learning	8.7	13.6	10.7	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	13.5	11.3	<	A higher skill level may be required
Science	4.5	11.3	5.5	<<	Extensive development of skills in this area may be required
Programming	2.2	5.8	1.3	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Management Analysts (13-1111)

Associated Occupation: Operations Research Analysts (15-2031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematical Reasoning	6.3	17.3	8.4	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	15.7	15.4	0	Current ability level may be sufficient
Number Facility	6.3	15.1	7.4	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	15.0	14.2	0	Current ability level may be sufficient
Written Expression	9.8	14.5	15.0	0	Current ability level may be sufficient
Inductive Reasoning	10.2	14.2	14.7	0	Current ability level may be sufficient
Fluency of Ideas	7.6	13.3	10.1	<<	Extensive improvement in abilities may be required
Originality	7.6	11.9	9.1	<<	Extensive improvement in abilities may be required
Category Flexibility	9.0	11.5	9.5	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 65

Focus Occupation: Management Analysts (13-1111)

Associated Occupation: Operations Research Analysts (15-2031)

Work Activities	Exclusivity of Activity
Analyze operational or management reports or records	62
Communicate technical information	4
Develop records management system	76
Obtain information from individuals	24
Prepare reports	8

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 88

Focus Occupation: Management Analysts (13-1111)

Associated Occupation: Operations Research Analysts (15-2031)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.